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ADAPTED FROM USDL
FORM NO. LSH-005-4-MAY 1969SHELL OIL COMPANY
SHELL CHEMICAL COMPANY
SHELL DEVELOPMENT COMPANY
SHELL PIPE LINE CORPORATION

MSDS 5623-1

Hazard
Rating

DPM 317

MATERIAL SAFETY DATA SHEET

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SECTION I			
MANUFACTURER'S NAME Shell Oil Company		EMERGENCY TELEPHONE NO. (713) 473-9461	
ADDRESS (Number, Street, City, State, and ZIP Code) One Shell Plaza, Houston, Texas 77002			
CHEMICAL NAME AND SYNONYMS Lubricating grease		TRADE NAME AEROSHELL^(R) Grease 5	
CHEMICAL FAMILY Hydrocarbon	FORMULA		Code 70025

SECTION II HAZARDOUS INGREDIENTS*						
COMPOSITION	%	SPECIES	LD ₅₀		LC ₅₀	
			ORAL	DERMAL	CONCENTRATION	HOURS
PIGMENTS						
CATALYST						
VEHICLE						
SOLVENTS						
ADDITIVES						
OTHERS						
AEROSHELL Grease 5 consists of a mineral oil, an inorganic thickener (a treated clay) and small amounts of oxidation and corrosion inhibitors.						

SECTION III PHYSICAL DATA			
BOILING POINT (°F)		SPECIFIC GRAVITY (H ₂ O=1)	
VAPOR PRESSURE (mmHg)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____=1)	
SOLUBILITY IN WATER	Insol.		
APPEARANCE AND ODOR Dark amber grease - slight odor			

SECTION IV FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method used) Base oil has flash of 575°F, COC	FLAMMABLE LIMITS N.A.	Lel	Uel
EXTINGUISHING MEDIA Dry chemical type preferred			
SPECIAL FIRE FIGHTING PROCEDURES None special			
UNUSUAL FIRE AND EXPLOSION HAZARDS None special			

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MSDS 5623-1		SECTION V HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	N.A.		
EFFECTS OF OVEREXPOSURE	Irritation to skin and eyes		
EMERGENCY AND FIRST AID PROCEDURES			
Skin - remove product by wiping or by applying waterless			
hand cleaner, followed by washing with soap and water.			
Eyes - wash with water at least 15 minutes.			

SECTION VI REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
Oxygenates and carbon monoxide can be formed during combustion.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Wipe up and absorb with clay, diatomaceous earth or other inert material.	
WASTE DISPOSAL METHOD	
Controlled burning in compliance with local regulation.	

SECTION VIII SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type)			
None normally required.			
VENTILATION	LOCAL EXHAUST	Not normally needed	SPECIAL
	MECHANICAL (General)		OTHER
PROTECTIVE GLOVES	Oil resistant	EYE PROTECTION	Not normally needed
OTHER PROTECTIVE EQUIPMENT			

SECTION IX SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Avoid repeated or prolonged skin contact.	
OTHER PRECAUTIONS	

NAME H. Low, Staff Technologist
 TITLE Regulatory Affairs-Chemical Products
 COMPANY Shell Oil
 SIGNATURE *H. Low*
 DATE October, 1976

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